

S/N 10/769,731

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

|                   |                                    |                 |               |
|-------------------|------------------------------------|-----------------|---------------|
| Applicant:        | BOND                               | Examiner:       | UNKNOWN       |
| Serial No.:       | 10/769,731                         | Group Art Unit: | 1632          |
| Filed:            | JANUARY 16, 2004                   | Docket No.:     | 11669.136USU1 |
| Confirmation No.: | 6901                               | Customer No.:   | 23552         |
| Title:            | SYNTHETIC ANTIBODY PHAGE LIBRARIES |                 |               |

---

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (37 C.F.R. § 1.97(b))

Mail Stop AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner.

This statement should be considered because it is submitted after the mailing date of a first Office Action on-the-merits or a first Office Action after filing a Request for Continued Examination under 37 C.F.R. § 1.114 or a CPA under 37 C.F.R. § 1.53(d), but before the mailing date of: i) a final action under 37 C.F.R. § 1.113; ii) a Notice of Allowance under 37 C.F.R. § 1.311; or iii) an action that otherwise closes prosecution on the application.

A copy of any foreign patent document or "Other Document" listed on the Form 1449 is enclosed, in accordance with 37 C.F.R. § 1.98(a)(2). Because this application was filed after June 30, 2003, copies of the U.S. Patents and U.S. patent publications listed on the enclosed Form 1449 are not provided.

No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103 and Applicants reserve the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to establish that the reference(s) are not "prior art." Moreover, Applicants do not represent that a reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.

Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Form 1449, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

The Deposit Account No. 13-2725 is being charged for consideration of the items listed on the enclosed Form 1449. Please charge any additional fees or credit any overpayment to Deposit Account No. 13-2725.

Respectfully submitted,

MERCHANT & GOULD P.C.  
P.O. Box 2903  
Minneapolis, Minnesota 55402-0903  
(612) 332-5300

Date: April 30, 2007

*Katherine M. Kowalchyk*  
Katherine M. Kowalchyk  
Reg. No. 36,848

**23552**  
PATENT TRADEMARK OFFICE

|                                   |  |  |                         |                      |
|-----------------------------------|--|--|-------------------------|----------------------|
| FORM 1449*                        |  |  | Docket Number:          | Application Number:  |
| INFORMATION DISCLOSURE STATEMENT  |  |  | 11669.136USU1           | 10/759,731           |
| IN AN APPLICATION                 |  |  | Applicant: BOND         |                      |
| (Use several sheets if necessary) |  |  | Filing Date: 01/16/2004 | Group Art Unit: 1632 |

| EXAMINER INITIAL | DOCUMENT NO. | DATE       | NAME            | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|------------------|--------------|------------|-----------------|-------|----------|----------------------------|
|                  | 4,816,567    | 03/28/1989 | Cabilly et al.  |       |          |                            |
|                  | 6,037,454    | 03/14/2000 | Jardieu et al.  |       |          |                            |
|                  | 6,627,196 B1 | 09/30/2003 | Baughman et al. |       |          |                            |
|                  |              |            |                 |       |          |                            |
|                  |              |            |                 |       |          |                            |
|                  |              |            |                 |       |          |                            |
|                  |              |            |                 |       |          |                            |
|                  |              |            |                 |       |          |                            |

## FOREIGN PATENT DOCUMENTS

|  |             | DATE       | COUNTRY | CLASS | SUBCLASS | TRANSLATION |    |
|--|-------------|------------|---------|-------|----------|-------------|----|
|  |             |            |         |       |          | YES         | NO |
|  | WO 93/06213 | 04/01/1993 | PCT     |       |          |             |    |
|  | WO 93/19172 | 09/30/1993 | PCT     |       |          |             |    |
|  |             |            |         |       |          |             |    |
|  |             |            |         |       |          |             |    |

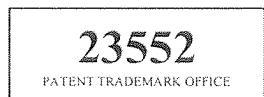
## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

|  |   |
|--|---|
|  | Bond, C. et al., "A Structure-Based Database of Antibody Variable Domain Diversity", <u>J. Mol. Biol.</u> , 348:699-709 (2005)  |
|  | Bullock, W. et al., "XL1-Blue: A High Efficiency Plasmid Transforming recA <i>Escherichia coli</i> Strain With Beta-Galactosidase Selection", <u>BioTechniques</u> , 5:376-379 (1987)   |
|  | Crea, R. et al., "Chemical synthesis of genes for human insulin", <u>Proc. Natl. Sci. USA</u> , 75(12):5765-4769 (1978)   |
|  | Davies, B. et al. "Interactions of Protein antigens with Antibodies", <u>Proc. Natl. Sci. USA</u> , 93:7-12(1996)   |
|  | Graille, M. et al., "Crystal structure of a <i>Staphylococcus aureus</i> protein A domain complexed with the Fab fragment of a human IgM antibody: Structural basis for recognition of B-cell receptors and superantigen activity", <u>PNAS</u> , 97(10):5399-5404 (2000) |
|  | Mian, I. et al., "Structure, Function and Properties of Antibody Binding Sites", <u>J. Mol. Biol.</u> , 217:133-151 (1991)  |
|  | Morrison, S. et al., "Chimeric human antibody molecules: Mouse antigen-binding domains with human constant region domains", <u>PNAS</u> , 81:6851-6855 (1984)   |
|  | Wu, T. et al., "An Analysis of the Sequences of the Variable Regions of Bence Jones Proteins and Myeloma Light  |

|   |                 |
|---|-----------------|
| EXAMINER  | DATE CONSIDERED |
| EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant. |                 |

|   |  |                                 |                                   |
|---|--|---------------------------------|-----------------------------------|
| <b>FORM 1449*</b><br><b>INFORMATION DISCLOSURE STATEMENT</b>      |  | Docket Number:<br>11669.136USU1 | Application Number:<br>10/759,731 |
| <b>IN AN APPLICATION</b><br><br>(Use several sheets if necessary) |  | Applicant: BOND                 |                                   |
|   |  | Filing Date: 01/16/2004         | Group Art Unit: 1632              |

|  |  |   |
|--|--|---|
|  |  | Chains and Their Implications for Antibody Complementarity", <u>J. Exp. Med.</u> , 132:211-250 (1970)   |
|  |  | Zemlin et al, "Expressed Murine and Human CDR-H3 Intervals of Equal Length Exhibit distinct repertoires that differ in amino acid composition and predicted structures", <u>J. Mol. Biol.</u> 334:733(2003) |



|          |                 |
|----------|-----------------|
| EXAMINER | DATE CONSIDERED |
|----------|-----------------|

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.